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Customer No.:   
**07278**  
PATENT TRADEMARK OFFICE

Docket No.: 2709/0M958

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Mika Niemi

Serial No.: NOT YET ASSIGNED

Filed: CONCURRENTLY HEREWITH

For: BYPASS ARRANGEMENT FOR LOW-NOISE AMPLIFIER

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In order to comply with 37 CFR 1.97 and 1.98, attached hereto is a  
copy of Form PTO-1449 and copies of the documents listed thereon.

In accordance with MPEP Sections 609 and 707.05(b), it is requested  
that each document cited (including any cited in applicant's specification which is  
not repeated on the attached Form PTO-1449) be given thorough consideration and

that it be cited of record in the prosecution history of the present application by initialing Form PTO-1449 next to the document. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

The undersigned is also enclosing herewith a copy of a Search Report issued March 10, 2002 for the Finland counterpart of the present patent application (Application No. 20021317), in which the presently disclosed references were cited. Since a translation of the Search Report is also enclosed, or the Search Report utilizes conventional codes to characterize each cited reference, it is believed that the applicants in the above-identified patent application have now met the "concise explanation" requirement of 37 C.F.R. 1.98.

This submission is filed within three months of the filing of the application.

The present Information Disclosure Statement is being submitted in compliance with 37 CFR 1.56, but the citation of such document is not to be construed as an admission that such document is necessarily relevant or prior art. No representation is intended that the cited documents represent the results of a

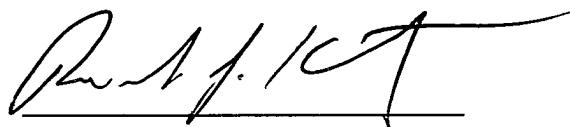
complete search, and it is anticipated that the Examiner, in the normal course of examination, will make an independent search and will determine the best prior art consistent with 37 CFR 1.104(a) and in the course of each search, will review for relevance every document cited on the attached form even if not initialed.

It is believed that no fee is due. However, if the Commissioner determines that a fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 04-0100 for any deficiency.

Early and favorable consideration is earnestly solicited.

Respectfully submitted,

*July 10, 2003*  
Dated: July 9, 2003 *RJK*



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Substitute for form 1449/PTO				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Mika Niemi
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	2709/0M958US0

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
BA	WO-WO 99/29047-A1	06-10-1999	James A. Hutchison et al.		T <sup>6</sup>
BB	WO-WO 02/13402-A2	02-14-2002	James A. Hutchison et al.		
BC	WO-WO 02/47251-A2	06-13-2002	Glenn A. Watanabe et al.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered	
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PATENT OFFICE

PATENTTI- JA REKISTERIHALLITUS

Patentti- ja innovaatiolinja

SEARCH REPORT

TUTKIMUSRAPORTTI

PATENTTIHAKEMUS  
NRO Application No.

20021317

LUOKITUS Classification

H04B1/18, H03F3/72

**TUTKITTU AINEISTO** Material searched

Patentijulkaisukokoelma (FI, SE, NO, DK, DE, CH, EP, WO, GB, US), tutkitut luokat

H04B1/16, 1/18 H04F 1/02, 3/72 FI, SE, NO, DK

Patent publication collection (...), classes searched

**Tiedonhaut ja muu aineisto** Data retrievals and other material

EPOQUE, tietokannat EPODOC, PAJ, WPI

Fulltext-tietokantajoukot TXTE, TXTG, TXTF

**VIITEJULKAISUT** References cited

Kategoria*) Category	Julkaisun tunnistetiedot Identification data of publication	Koskee vaatimuksia
A	WO 9929047, julk. 10.6.1999, Qualcomm Incorporated	1 - 9
A	WO 0213402, julk. 14.2.2002, Qualcomm Incorporated	1 - 9
A	WO 0247251, julk. 13.6.2002, Motorola Inc.	1 - 9 Concerns claims

- \*) X Patentoitavuuden kannalta merkittävä julkaisu yksinään tarkasteltuna  
Y Patentoitavuuden kannalta merkittävä julkaisu, kun otetaan huomioon tämä  
ja yksi tai useampi samaan kategoriaan kuuluva julkaisu  
A Yleistä teknikan tasoa edustava julkaisu, ei kuitenkaan patentoitavuuden este

Päiväys Date  
10.3.2002

Tutkija Examiner  
Jari Partanen

X Documents of particular relevance when considered alone

Y Documents of particular relevance when combined with  
one or more documents of the same category

A Documents representing the state of the art